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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/757,645	01/11/2001	Satoaki Nakagawa	0925-0165P	8027

2292 7590 04/06/2005

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EXAMINER

NGUYEN, HUY THANH

ART UNIT	PAPER NUMBER
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2616

DATE MAILED: 04/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/757,645

Applicant(s)

NAKAGAWA ET AL.

Examiner

HUY T NGUYEN

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 01/11/01.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. Claims 3-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 3, lines 3, there is no antecedent basis for "said display device".

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art, Fig. 2, specification pages 1-3, in view of Yuen et al (5,307,173).

Art Unit: 2616

Regarding claim 1, the admitted prior art disclose a conventional receiver for displaying received broadcast electric waves including:

a first memory for storing as a past record information representing whether the signal receiver was previously subjected to initial setup; and

an alarm device for alarming the necessity of initial setup of the signal receiver when the connection of a power source plug to an external power source is detected whereby a user can surely perform the initial setup.

The admitted prior art does not teach providing the necessity of the setup when no past record exist in the memory .

Yuen teaches an apparatus having means for indicating a past record in a memory during a setup and for providing necessity of the setup when no past record exist in the memory whereby a user can surely perform the setup (column 25, lines 25-68).

It would have been obvious to one of ordinary skill in the art to modify the admitted prior art with Yuen by using the teaching of Yuen for providing necessity of setup when base on whether or not the past recorded exist the memory thereby preventing error for the setup of the receiver .

4. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art , Fig. 2, specification pages 1-3, in view of Yuen et al (5,307,173) as applied to claim 1 above, further in view of Nagano et al (6,370,317).

The admitted prior art as modified with Yuen fails to specifically teaches using a light emitting element which is provided inside the button and can be actuated to be turned on and off as a warning .

Nagano teaches using light emitting element as a warning device for a set condition of the apparatus (column 16, lines 15-30). It would have been obvious to one of ordinary skill in the art to modify the admitted prior art as modified with Yuen with Nagano by using a light emitting element as taught by Nagano as an alternative to warning means of the apparatus of the admitted prior art as modified with Yuen for providing a warning .

5. Claims 3 and 5-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art , Fig. 2, specification pages 1-3, in view of Yuen et al (5,307,173) as applied to claim 1 above, further in view of Park et al (5,575,000).

Regarding claims 3 and 5-7 the admitted prior art as modified with Yuen fails to specifically teaches using a second memory for holding a setup frame displayed on said display device after a response to the alarm of said alarm device is received or at the same time when the alarm is made; a third memory for storing district codes and reception channel groups corresponding to the respective district codes as a district code comparative chart.

Park teaches a receiver having a control means and memories for displaying a setup frame and groups of channels corresponding to the input district codes (Figs.

Art Unit: 2616

2,3,5,6, column 4) and a channel of a group of channels is selected from a tuner (Figs. 2,3 and 5-6, column 4).

It would have been obvious to one of ordinary skill in the art to modify the admitted prior art with Park by using a control means and memories as taught by Park with the apparatus of the admitted prior art as the second and third memories for storing the setup frame and channels of district areas and for controlling displaying the setup frame and the groups of channels of the district areas and for controlling displaying the setup frame and channels of district areas thereby enhancing the function of the admitted prior art to provide more convenience to the user in selecting a channel for viewing .

Allowable Subject Matter

6. Claim 4 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUY T NGUYEN whose telephone number is (571) 272-7378. The examiner can normally be reached on 8:30AM -6:00PM.

Art Unit: 2616

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile can be reached on (571) 272-7375. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

H.N


HUY NGUYEN
PRIMARY EXAMINER